18428

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

Nautical Mile
Yards

Mercator Projection
Scale 1:10,000 at Lat. 48°17'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

UNITED STATES — WEST COAST
WASHINGTON

OAK AND CRESCENT HARBORS

SOUNDINGS IN FEET

18428

Formerly C&GS 6404. 1st E.d. Aug. 1943

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical
Al alternating
B beacon
Bn beacon
C can
DiA diaphone
Ec ec equal interval (sec)
F fixed
Fl flashing
Gp group
Iso isophase (E int)
LT HO lighthouse
M nautical mile
m minutes
MICRO TR microwave tower
Mkr marker
Mo morse code
N nun
Obscd obscured
Occ occulting
Or orange
Q quick
R red
Rg Ref radar reflector
R Bn radiobeacon
R TR radio tower
Rot rotating
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHIS whistle
Y yellow

Bottom characteristics:
Bldrs boulders
br brown
Cy clay
Co coral
G gravel
Grs grass
gy gray
h hard
M mud
Oys oysters
Rk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous:
AUTH authorized
(D) existence doubtful
Wreck, rock, obstruction, or shoal swept clear to the depth indicated
Rocks that cover and uncover, with heights in feet above datum of soundings

Obstn obstruction
PA position approximate
PD position doubtful
Rep reported
Subm submerged

COLREGS, 80 1395 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 13th Coast Guard District in Seattle, Washington or at the Office of the District Engineer, Corps of Engineers in Seattle, Washington.
Refer to charted regulation section numbers.

OAK HARBOR
OAK HARBOR
WHIDBEY
CRESCENT
Forbes Pt
Maylor Pt.
Scenic Heights
Blowers Bluff
MEASURED NAUTICAL MILE COURSE 14° TRUE
Mud and Sand
Mud
Marsh
Boulders
Foul
Stump
Pilings Pa
Rocks awash
Ruins
Dolphin
Fish haven
Mooring Buoy
Marinas
TANK
AERO Rot W & Y
Fl R 2.5s 22ft 12
Oc R 11s 8ft 7
Oc Y 11s 8ft 7
Oc G 11s 8ft 7
Oc R 11s 8ft 7
Fl G 6s 15ft 5M
Fl G 4s 15ft 5M
122°40'
39'
38'
37'
48° 18'
48° 15'

38' (CONTINUED ON CHARTS 18441 AND 18423)

Ed. Sept. 30, 89 ■
18428

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

SOUNDINGS IN

C55.418/7:

UNITED STATES — WEST COAST
WASHINGTON

OAK AND CRESCENT HARBORS

Formerly C&GS 6404, 1st Ed., Aug. 1943

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.645" southward and 4.611" westward to agree with this chart.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the U.S. Coast Guard.

TIDAL INFORMATION

Place Name (Lat/Long)	Heights referred to datum of soundings (MLLW)			
	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Oak Harbor (48°17'N/122°39'W)	11.5	10.6	----	-4.5
Crescent Harbor (48°17'N/122°35'W)	11.4	10.6	----	-4.5

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POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

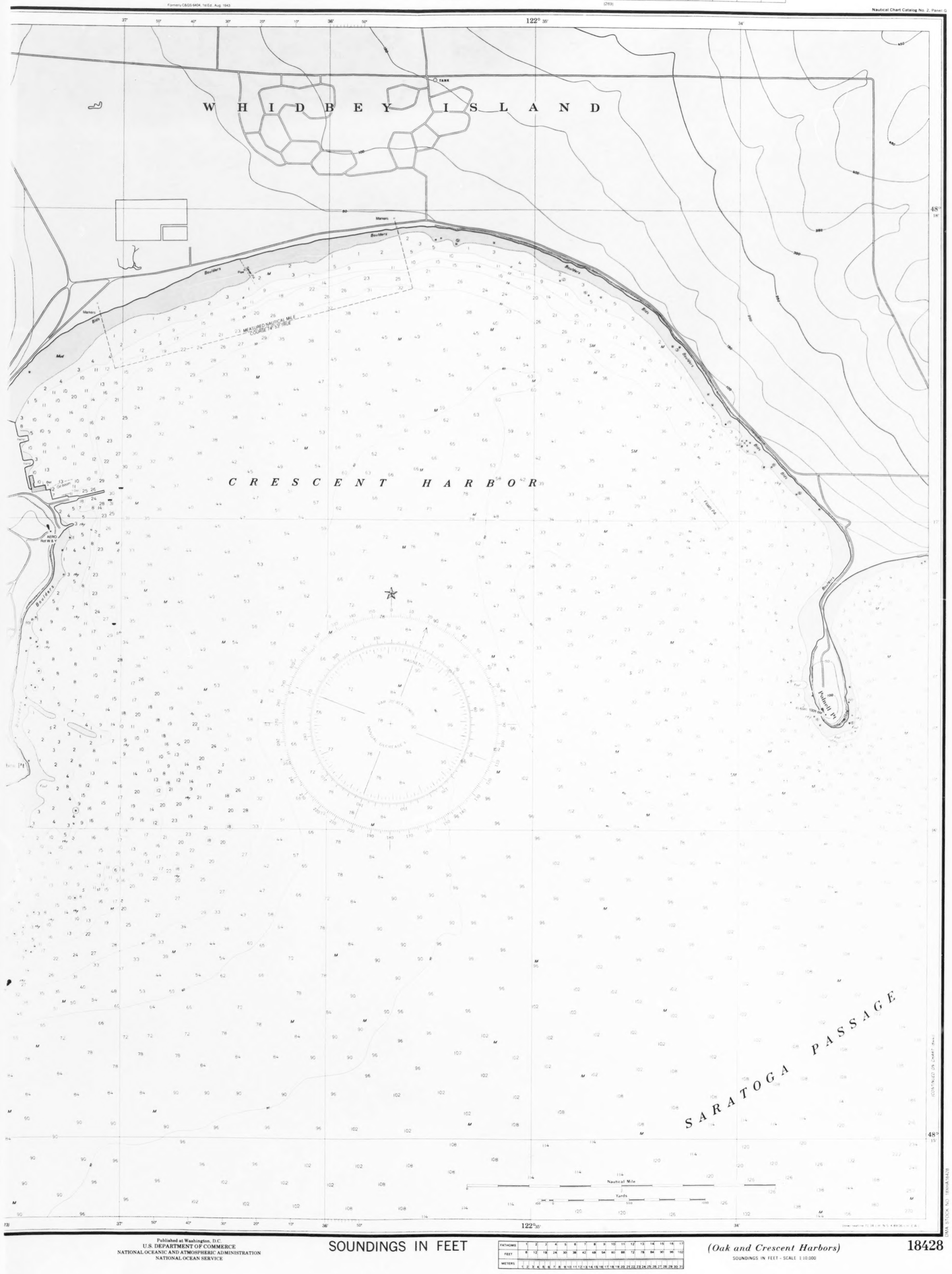
RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 7 for important supplemental information.

Nautical Chart Catalog No. 2, Panel G



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

SOUNDINGS IN FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

(Oak and Crescent Harbors)

SOUNDINGS IN FEET - SCALE 1:10,000

18428